



1. ALL VALUES SHOWN ARE MINIMUM FOR A HYDROSTATIC PRESSURE OF 150 P.S.I. AND A SOIL RESISTANCE OF 2000 LBS/SQ. FT. WITH PIPELINE HAVING A MINIMUM OF 30" OF COVER.
2. THE ENGINEER WILL CONSIDER REDUCTIONS OF THRUST BLOCK SURFACE AREA UPON SUBMITTAL OF APPROVED SOIL RESISTANT TEST RESULTS GREATER THAN 2000 LBS/SQ. FT.
3. THE LOCATION OF THRUST BLOCKS DEPENDS UPON THE DIRECTION OF THRUST AND TYPE OF FITTINGS.
4. JOINT RESTRAINTS, SUCH AS MEGA LUGS, SHALL BE USED ON ALL FITTINGS.
5. MINIMUM CONCRETE THICKNESS 18".



TYPICAL BOLLARD DETAIL
NOT TO SCALE



F.D.O.T. TYPE "C" INLET~INDEX No. 232
NOT TO SCALE



FIRE HYDRANT INSTALLATION

